# SR 16 Tacoma Narrows Bridge Project

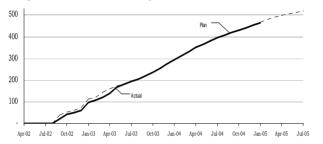
**Project Location:** SR 16, Jackson Avenue to 36<sup>th</sup> Street

**PIN:** 301699A **WIN:** C01699C, C01699D

**Contractors:** Tacoma Narrows Constructors, A Joint Venture (Design/Build); TransCore, L.P (Toll System Supply and Installation )

Project Cost Summary (millions):	<u>Budgeted</u>	<u>Expended</u>
Design/Build Contract	615.0	449.3
Toll System Contract	9.2	1.7
WSDOT Oversight	41.0	13.4
Contingencies Committed	8.7	4.5
Contingencies Remaining	46.0	
Phase I Dev. Cost (UIW)	40.5	39.9
Total	760.4	508.8
Total Expended/Total Cost	66.9%	

### Project Cash Flow: (Through 03-05 Biennium in Millions)



### **Project Schedule Status:**

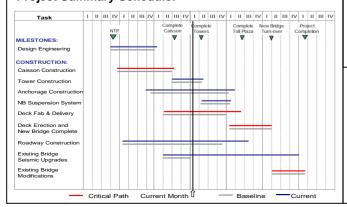
As of January 30, 2005: Fabrication and shipping of the bridge deck sections remain on the critical path.

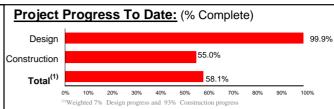
The main construction critical path facility (East tower) is 8 weeks behind the baseline schedule. No impact to overall project schedule as catwalk installation work has changed to 6 day weeks vs. 5 day weeks with some double work shifts added to mitigate lost time.

#### **Contract Milestones Overview:**

Milestone	Contract	TNC	Months Ahead
Provide Final Plans and Spec. for Toll Facilities	25Sep03	22Jul03	2.2
Place order for Saddles	17Feb04	21Oct03	4.0
Complete new bridge substructure(*)	12May05	11May05	0.0
Guaranteed TCAAS Installation Readiness Date	08Dec05	19Sep05	2.7
Lift first deck unit	07May06	14Feb06	2.7
Complete Superstructure joining of deck sections	03Dec06	29Aug06	3.2
Guaranteed Tolling Completion Date	02Apr07	02Apr07	0.0
Guaranteed Project Substantial Completion Date	26Feb08	26Feb08	0.0

#### **Project Summary Schedule:**





Man-hours worked: 1,512,693 with one lost time accident

### Progress Highlights for month of January 2005:

- East tower: Concrete for N. and S. leg lifts 13,14, and 15, S. leg lift 16, lower strut slab, and stem walls.
- West tower: Concrete for N. and S. leg lifts 13,14, and 15, S. leg lift 16, lower strut slab, and stem walls.
- East Anchorage: Placed roadway approach girders.
- West Anchorage: Placed roadway approach girders.
- Roadwork: Drainage and grading work, paved at Tacoma pump station.
- Toll Ops Bldg: Set canopy and walkway steel and began interior work.
- · Crew Facility: Finished roof and began interior work.



### **Quality Control:**

 79 construction quality audits were conducted. The work was found to be in general compliance with the Contract Documents.

### Risks/Challenges/Issues:

- Ramp metering start-up.
- Wet season environmental controls.
- Tower Strut Post Tensioning.

#### **Public Information:**

- Met with community reps to discuss the future of Narrowsgate property.
- · Presented project to Eatonville Lions Club.
- Broadcast 1/2 hour project update on KTBN Channel 29.
- Held quarterly public open house in Tacoma.
- · Observed marketing focus groups to identify public opinions on tolling.
- Coordinated job shadow opportunity for local high school senior.

## **Upcoming Activities for February 2005:**

- East Tower: Place north leg lift 16, north and south leg lifts 17, 18A, 18B.
- West Tower: Place north leg lift 16, north and south leg lifts 17, 18A, 18B.
- East Anchorage: Place concrete for top deck and N. & S. wingwalls.
- West Anchorage: Pour S. exterior wall, girder stops, interior diaphragm, and N. and S. Chamber endwalls.
- Roadwork: Pave Toll Plaza area, finish wall 2 at Jackson, & illumination.
- Toll Plaza & Ops Building: Deck walkway, weld canopy, continue int. wk.
- · Maintenance Building: Sheetrock, paint carport, and pour sidewalks.

